

NeoGel

Cat# NB-12-9001



Description

Economical gel documentation – DNA and protein gel imaging your way

Using a compact, NeoGel documentation system you're in control. You can image your choice of dyes and stains by choosing UV, blue or white lighting options. The system's GeneSys software selects the right lighting and filters for you, making it easy to image fluorescent ethidium bromide or SYBR® Safe DNA gels and protein gels stained with Coomassie Blue or silver.

For an economical system, the NeoGel offers a 5m pixel camera and can produce images with 16-bit image depth. A manual zoom lens and manual filter drawer (includes a UV filter) completes the package.

The system is controlled by GeneSys application driven image capture software and comes complete with unlimited copies of GeneTools analysis software.

Features

- Small footprint
Plenty of bench space for your experiments
- 5m pixel camera
Detect nanogram amounts on gels (up to 20cm x 20cm)
- Manual zoom
Puts you in control of the camera
- White, UV and blue lighting options
Flexibility to image fluorescent DNA and visibly stained protein gels
- High resolution
NeoGel uses a high resolution 5m pixel camera with a 16-bit image output
- Manual system
Allows the user to select filters using a filter drawer, control lighting and the camera lens
- GeneSys application driven image capture software
Contains extensive database of dyes and imaging protocols. All you need to know is the type of gel you're using and GeneSys automatically selects the optimal lighting and filters to produce the perfect image
- GeneTools analysis software (unlimited copies)
Analyse data at your own computer.

Specifications

Compact, manual gel documentation systems

- Camera NeoGel
- Sensor 1/3 inch
- Resolution 5 million pixels
- Image depth 12/16 bit
- Greyscales 4,096/65,536
- Dynamic range 3.6 – 4.8
- Lens Manual zoom 6.5 – 39, F1.4
- Maximum viewing area 20 x 20cm

Illumination

- Slim UV transilluminator 20 x 20cm
– various single wavelengths are available Option
- UltraSlim-LED blue light
transilluminator 10 x 12cm Option
- White Epi overhead Yes

Converters

- UV/visible light NovaGlo converter Option

Software

- GeneSys image capture Yes
- GeneTools image analysis Yes
- GeneDirectory Option

Conversion screen

- Novaglo UV to visible
- Dimensions (h x d x w) cm 62 x 37.5 x 40

Ordering information

Code	Description
NB-12-9001	NeoGel
NB-12-9001-WARRANTY	Extended warranty (Parts and labour, return to base)
NB-12-9001-SILVER	Silver Cover (Labor only) of Maintenance
NB-12-9001-GOLD	Gold Cover (Parts+Labor) of Maintenance